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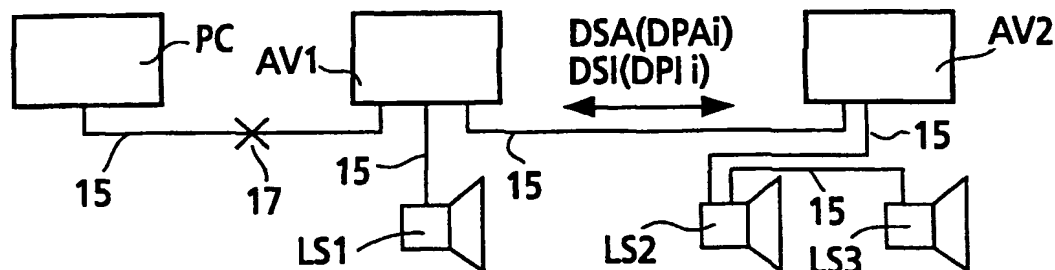
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(54) Title: METHOD AND DEVICE FOR PERFORMING COMMUNICATION ON A BUS STRUCTURED NETWORK



(57) **Abstract.** The invention refers to a method for performing communication on a bus structured network between master device AV1 and slave devices AV2, PC, LSij, DSij using a bi-directional data stream DSA for secure communication and a unidirectional data stream DSI for real-time communication. According to the invention the unidirectional data stream DSI is used for a certain type of secure communication CIV, CIB between a master device AV1 and at least one slave device AV2, PC, LSij, DSij.